

FIG. 1

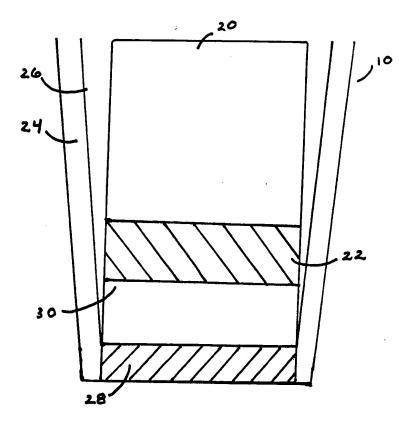


FIG. 2

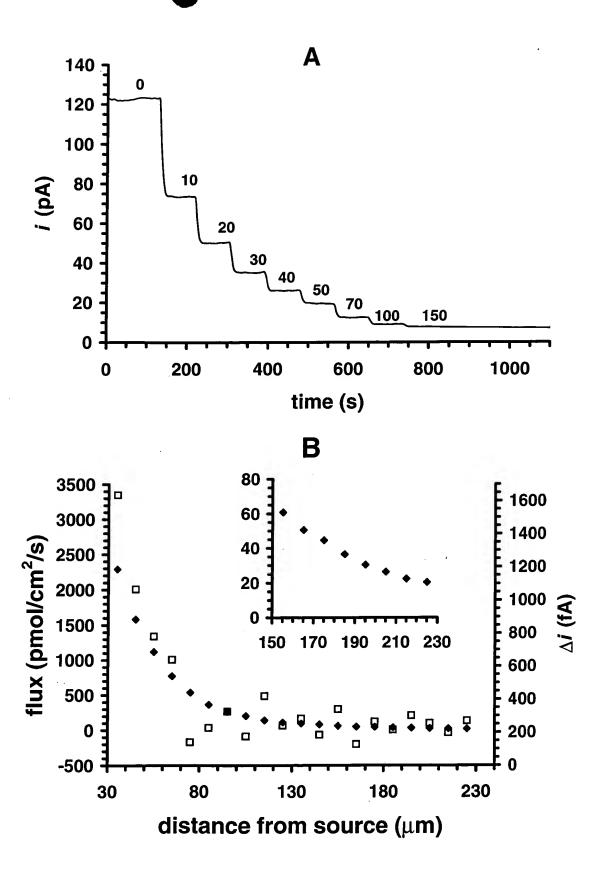
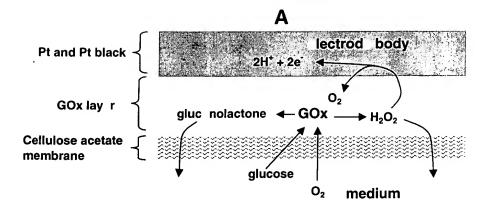
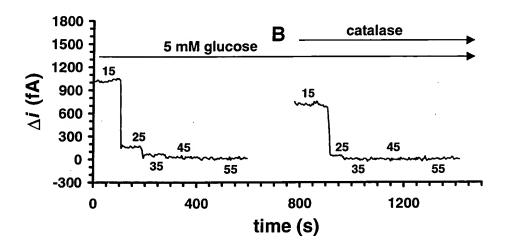


FIG. 3





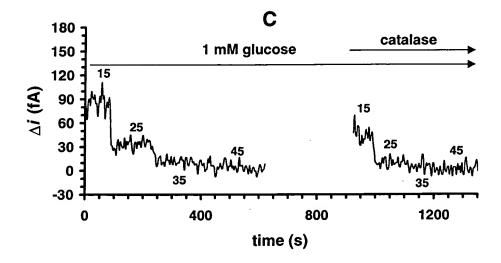
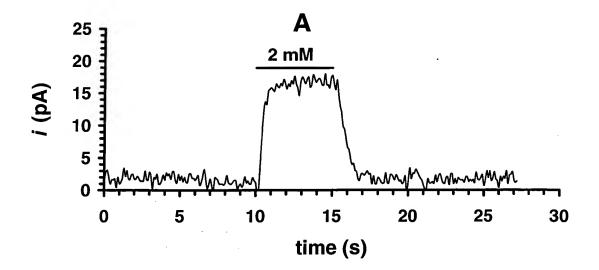
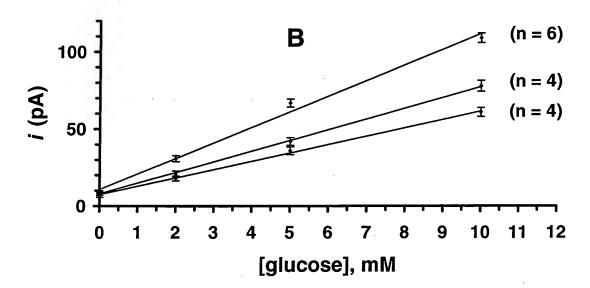


FIG. 4





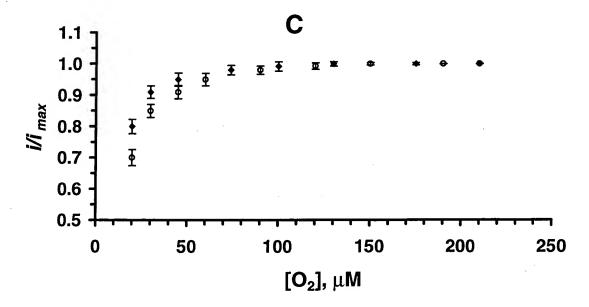
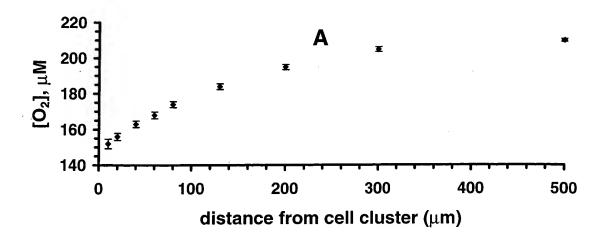
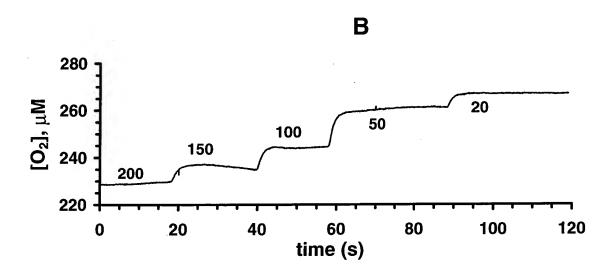


FIG. 5





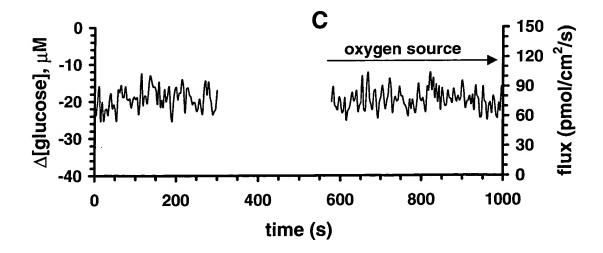


FIG. 6

-50

0

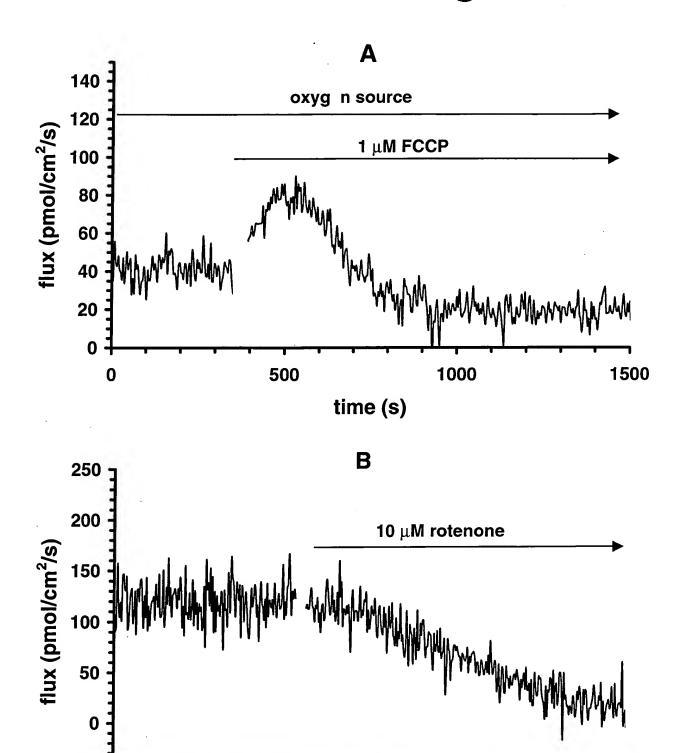


FIG. 7

time (s)

1000

1500

500

## Glutamate gradi nt from 0.5 M glutamate source m asured with a self-r fer ncing glutamate microsensor

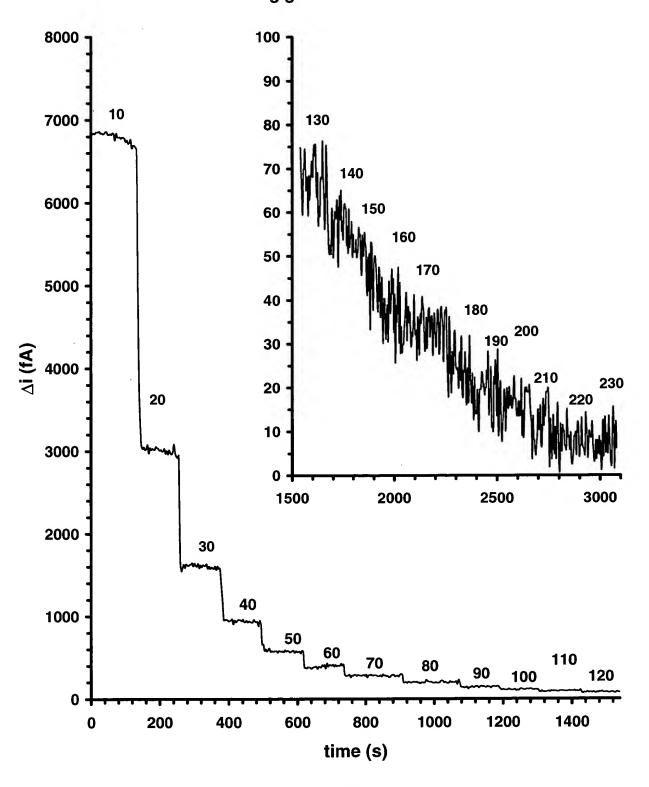


FIG. 8